



**Guangyang Secondary School**  
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### **Semestral Plan for Sec 3 Normal (Academic) Additional Mathematics 2023**

The document captures the curriculum and assessment plan for Sec 3 Normal (Academic) Additional Mathematics for the year 2023.

#### **1 Curriculum Plan**

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1 – 4	Chapter 1 – Quadratic Functions
Term 1 Week 5 – 7	Chapter 2 – Equations and Inequalities
Term 1 Week 7	<b>Weighted Assessment 1 (WA1)</b>
Term 1 Week 8 – 9	Chapter 3 – Surds
Term 1 Week 10	WEALTH WEEK
<b>12th to 20th March</b>	<b>March Holidays</b>
Term 2 Week 1 – 5	Chapter 4 – Polynomials and Partial Fractions
Term 2 Week 6 – 8	Chapter 7 – Coordinates Geometry
Term 2 Week 8	<b>Weighted Assessment 2 (WA2)</b>
Term 2 Week 9 – 10	Chapter 8 – Circles
<b>28th May to 26th June</b>	<b>June Holidays</b>
Term 3 Week 1 – 3	Chapter 10 – Trigonometric Functions
Term 3 Week 4	<b>Weighted Assessment 3 (WA3)</b>
Term 3 Week 4 – 10	Chapter 11 – Trigonometric Identities and Equations
<b>3rd September to 11th September</b>	<b>September Holidays</b>
Term 4 Week 1 – 2	Revision
Term 4 Week 3 – 4	End-of-year Examinations
Term 4 Week 5 – 6	Go through exam papers
Term 4 Week 7 – 8	Secondary 3 Headstart Programme

Syllabus for GCE O Level Mathematics (Subject code: 4051) can be retrieved from SEAB website: [https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/4051\\_y23\\_sy.pdf](https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/4051_y23_sy.pdf)

## 2 Assessment Plan

### Components of Assessments:

- **Weighted Assessments (WA)**
- **End-of-Year Examination (EYE)**

<b>Semester</b>	<b>Semester 1</b>		<b>Semester 2</b>	
<b>Term</b>	Term 1	Term 2	Term 3	Term 4
<b>Types of Assessment</b>	WA 1	WA 2	WA3	End-of-Year Examination
<b>Weightage</b>	15%	15%	15%	55%
<b>Date</b>	Term 1 Week 7	Term 2 Week 8	Term 3 Week 4	Term 4 Week 3 – 4
<b>Topics Covered (Tentative)</b>	Chapters 1 and 2	Chapters 3, 4 and 7	Chapter 7, 8 and 10	Chapter 1 to 11 Refer to EYE Exam Format
<b>Assessment Mode</b>	Written			

Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

### **End-of-Year Exam Format**

Duration: 1 hour 45 minutes (One Paper)

Total marks: 70 marks

Calculator allowed.

Candidates are required to answer ALL questions on spaces provided.

### **3 Absence from tests**

- (a)** Medical certificates must be produced if student is absent for the test.
- (b)** Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c)** Absence from any test without a valid reason will result in zero mark for the test.
- (d)** Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact the additional mathematics teacher, Mr Vincent Ho, should further clarification is needed on this matter.